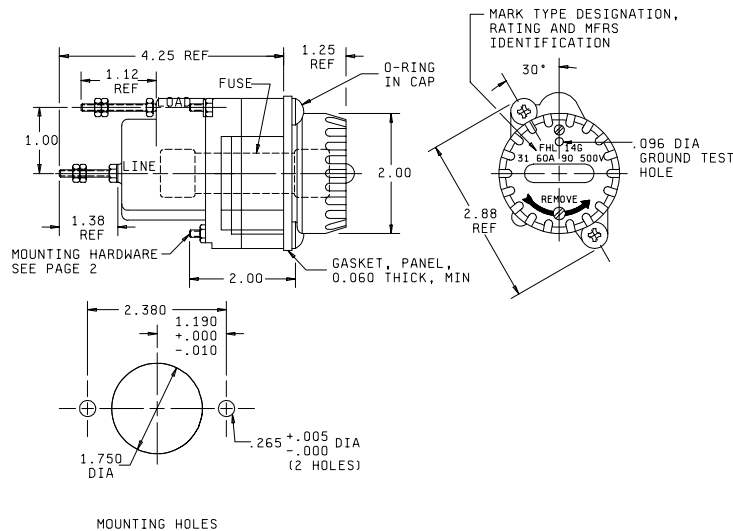


## PERFORMANCE SPECIFICATION SHEET

FUSEHOLDERS, EXTRACTOR POST TYPE,  
 BLOWN FUSE INDICATING, TYPE FHL14G

This specification is approved for use by all Departments  
 and Agencies of the Department of Defense

The requirements for acquiring the product described herein  
 shall consist of this specification and MIL-PRF-19207.



Inches	mm	Inches	mm	Inches	mm
0.005	0.13	1.00	25.4	2.00	50.8
.010	.25	1.12	28.45	2.380	60.45
.096	2.30	1.190	30.23	2.88	73.15
.250	6.35	1.25	31.75	4.250	107.95
.265	6.73	1.38	35.05		
.813	20.65	1.750	44.45		

## NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are  $\pm 0.02$  (0.51 mm) for two place decimals and  $\pm 0.005$  (0.13mm) for three-place decimals.
4. Cap and body molding material: It is suggested that type MAI-60, GDI-30F or SDG-F of American Society for Testing and Materials ASTM-D5948 be considered for meeting the cap and body molding material requirements of this specification. ASTM-D3935 is also suggested as guidance for cap material.

FIGURE 1. Type FHL14G fuseholder.

MIL-PRF-19207/5J

REQUIREMENTS:

Interface and physical dimensions: See figure 1.

Cap and body molding material: Cap and body molding materials shall be selected to enable the fuseholder to meet the performance requirements of this specification. Additional information and guidance on body molding material are specified in the notes.

Fuse accommodation.

Ferrule type:

Size: 0.813 inch (30.65 mm) diameter, 3 inches (76.2 mm) length.

Styles: MIL-PRF-15160, F16 and F62.

(or equivalent size and Styles)

Poles: One.

Rating: 31-60 amperes, 90-500 volts.

Panel thickness: 0.187 inch (4.75 mm) maximum.

Indicating: Neon lamp with clear cap.

Lamp series resistor: MIL-PRF-39017/2, 2 resistors, 160,000 ohms, 0.5 watt, One.

Terminals: Stud type, No. 250-20UNC-2A thread.

Enclosure: Dripproof.

Test fuses:

Temperature rise: F62C500V60A of MIL-PRF-15160/62.

Short circuit: F62C500V60A of MIL-PRF-15160/62.

Mechanical shock: Method I of MIL-PRF-19207.

Terminal strength: 20 pounds.

Torque: Terminals and cap insert - 15 inch-pounds.

Salt spray (corrosion): Test condition B.

Mounting hardware:

Screw: .250-20UNC-2A, trusshead, 2.0 inches long (min) with sealing washer.

Nut: .250-20UNC-2B Hex. A threaded metal insert may be used in lieu of nut.

Part or Identifying Number (PIN): FHL14G-001 shall be for body.

FHL14G-002 shall be for cap.

Patent notice: The US Government has a royalty-free license under US Patent No. 3,225,164 and only under claim 4 of US Patent No. 2,989,610, owned by FIC Corporation, for the benefit of manufacturers of the items called for in this specification sheet either for the Government or for use in equipment to be delivered to the Government.

Marginal notations are not used in this version to identify changes with respect to the previous issue due to the extent of the changes.

Custodians:

Army - CR  
Navy - SH  
Air force - 11  
DLA - CC

Preparing Activity:

DLA - CC

(Project 5920-0663)

Review Activities:

Army - AR, AT, CR4, MI  
Navy - AS, EC, MC, OS  
Air Force - 70, 71, 99